

String Quartet VII

Two-Bow

Peter Thoegersen

2018-2019

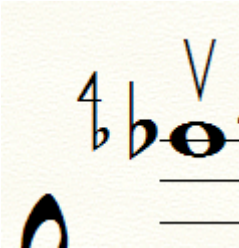
Legend

This quartet utilizes the two-bow technique whereby an under-bow plays the outer strings on all quartet instruments, under the bridge, and the upper-bow plays the two inner strings, as both bows are held in the right hand. The left hand and fingers will have to turn 180 degrees and reverse the finger assignments as the hand positions negotiate the higher positions of the fingerboard over the body of the instrument. Note that additional hand positions are used in order to execute quartertones, third-tones, eighth-tones and twelfth-tones. All strings can make use of the two-bow technique, allowing a dense texture of 16 polymicrotonal verticalities, creating a tightly woven tapestry of polymicrochromatic chords not yet heard in the literature.

Violin I

24 Tet

The quarter-sharp symbol raises the pitch by 50 cents

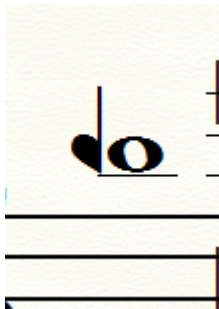
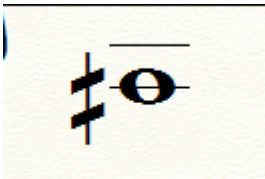


The quarter-flat lowers the pitch by 50 cents

Violin II

18 Tet

The third-sharp raises the pitch by 33.3 cents

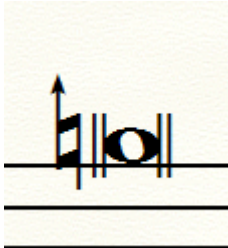


The third-flat lowers the pitch by 33.3 cents

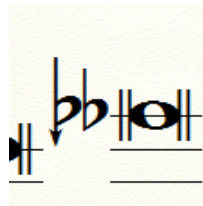
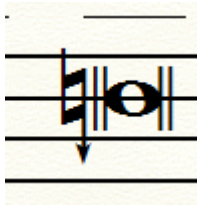
Viola

48 Tet

The two symbols raise by 25 and 75 cents, respectively



The two symbols lower the pitch by 25 and 75 cents respectively



Cello
19 of 72 Tet:

C	=	16.6 cents
C#	=	83.3 cents
Db	=	116.6 cents
D	=	216.6 cents
D#	=	283.3 cents
Eb	=	316.6 cents
E	=	416.6 cents
E#	=	483.3 cents
F	=	516.6 cents
F#	=	600 cents
Gb	=	616.6 cents
G	=	716.6 cents
G#	=	783.3 cents
Ab	=	816.6 cents
A	=	916.6 cents
A#	=	983.3 cents
Bb	=	1016.6 cents
B	=	1083.3 cents
B#	=	1133.3 cents

String Quartet VII

Chordal-Two Bows

Peter Thoegersen

Tenuto Molto e ben Maestoso

Adagio ♩ = 58 = Global Tempo no vibrato, ever

use two bows; under-bow on G and E strings;
upper-bow on D and A strings

100
Violin I
24 Tet

use two bows; under-bow on G and E strings;
upper-bow on D and A strings

pp < *fff* > *p* > *mf* > *ffff* > *pppp* > *p* > *mp* > *mf* > *fff* <

99
Violin II
18 Tet

use two bows; under-bow on G and E strings;
upper-bow on D and A strings

pp < *ff* > *ppp* > *mp* > *fff* > *pp* > *mp* > *ppp* > *f* > *ff* <

98
Viola
48 Tet

under-bow on C and A strings;
upper-bow on G and D strings

ppp < *f* > *pppp* > *p* > *ff* > *fff* > *mp* > *ff* > *pp* > *mf* >

97
Cello
19/72 Tet

under-bow on C and A strings;
upper-bow on G and D strings

pppp > *mf* > *f* > *mf* > *pppp* < *sffz* > *fff* > *pp* > *mf* > *ppp* > *f* >

Vln.
1/4 tones

2

ffff *ppp* *mp* *fff* *f* *p* *mf* *p* *fff* *pppp* *f* *ffff* *mp*

Vln.
1/3 Tones

2

fff *p* *ff* *ppp* *fff* *f* *fff* *pp* *ppp* *mf* *ffff* *mp*

bottom bow

hand reverse finger position

Vla.
1/8 Tones

2

p *ff* *fff* *mp* *sf* *p* *f* *pppp* *mf* *ffff* *sfz* *p*

hand reverse finger position

Vc.
1/12 Tones

2

mp *mf* *fff* *pp* *ffff* *pp* *sfz* *ppp* *fff* *pppp* *ffff* *mp*

bottom bow

Underbow Only

Violin I: 1/4 tones, *pp*, *mp*, *f*, *fff*, *pppp*, *ff*, *mp*, *sf*, *sfz*, *fffz*, *ppp*. *tasto*, *ord.*, *Open*.

Violin II: 1/3 Tones, *pp*, *fff*, *ppp*, *ff*, *fff*, *mp*, *ppp*, *fff*, *mf*, *ppp*. *tasto*, *ord.*, *Open*.

Viola: 1/8 Tones, *ppp*, *fff*, *pp*, *fff*, *pppp*, *f*, *fff*, *pppp*, *mp*, *ff*, *p*, *fffz*, *ppp*. *tasto*, *ord.*, *Portamento*, *Open*.

Violoncello: 1/12 Tones, *p*, *fff*, *mp*, *p*, *fff*, *ppp*, *p*, *mf*, *ppp*. *gliss*, *Open*.

(@ 20')